

Cancer registry statistics for cancer patients treated at Baylor University Medical Center

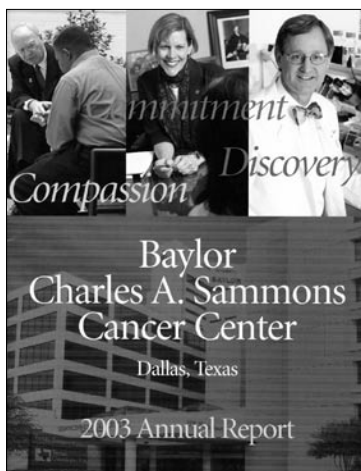
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These pages were taken from the 2003 Sammons Cancer Center Annual Report. For a copy of the report, call 214-820-3433.

The development of accurate and timely statistics is an important adjunct to our knowledge and may often drive educational efforts, prevention strategies, treatment methods, research initiatives and more. Through the cancer registry at Baylor University Medical Center at Dallas, we can closely examine incidence rates, diagnoses, gender, and age factors. These findings can be compared with historical data to determine any new trends and with national data to ascertain if the findings are more prevalent among our population.

During reporting year 2002, Baylor abstracted 2808 analytical cases, or cases in which patients were diagnosed or initially treated on site, a volume consistent with the previous reporting year. Texas Oncology, PA (medical, radiation and gynecologic oncologists), housed at the Baylor Sammons Cancer Center, reported 1900 new cases. Therefore, the combined total of new cancer patients was 4708.

The top five sites of diagnosis remain consistent from the previous year (Figure 1). These sites include breast, lung, colon/rectum, prostate and liver. The number of breast cases increased from the previous year as the cancer registry continues to abstract cases in the day-surgery facilities adjacent to the Baylor Dallas



campus. Despite a slight decrease in the number of new lung cancer cases (299 in 2001, 277 in 2002), there was also a 10% decrease in the number of colorectal cases (248 in 2001, 225 in 2002), with lung remaining the second most common site. There was a 23% increase in the number of liver cases (138 in 2001, 169 in 2002) diagnosed and initially treated at Baylor. Additionally, there was a marked increase in the number of melanoma cases seen in the inpatient setting (74 in 2001, 99 in 2002).

Female cases comprised 59% and male cases 41% of the total (Figure 2). In national estimates of new cases, female cases made up 50.4% and male cases made up 49.6%, with cases in women surpassing those in men for the first time. The distribution by gender statistics at Baylor remained identical with those of the previous reporting year. The difference in the number of female cases abstracted at Baylor versus the national statistics can be attributed to the large number of breast cancer cases accessioned. For both males and females, the most common age range at diagnosis of cancer was 60–69, which remains consistent with the previous reporting year (Figure 3).

Figure 1

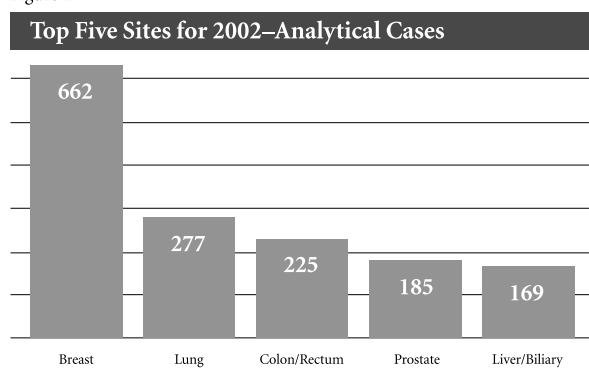


Figure 2

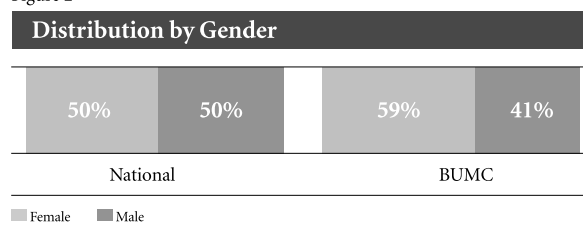


Figure 3

Age at Diagnosis									
	0-29	30-39	40-49	50-59	60-69	70-79	80-89	90+	Total
Breast	10	33	118	168	171	101	54	7	662
Lung	1	5	18	49	78	87	35	4	277
Prostate	0	0	8	56	87	24	10	0	185

From Baylor Charles A. Sammons Cancer Center, Baylor University Medical Center, Dallas, Texas.

Newly Diagnosed Analytical Cancer Cases at BUMC in 2002

Site	Total			
	BUMC		National	
	Number	Percentage	Number	Percentage
Lip/Oral	32	1.14%	28,900	2.25%
Tongue	4	0.14%	7,100	0.55%
Mouth	19	0.68%	9,800	0.76%
Pharynx	7	0.25%	8,600	0.67%
Other Oral Cavity	2	0.07%	3,400	0.26%
Digestive	498	17.74%	250,600	19.50%
Esophagus	6	0.21%	13,100	1.02%
Stomach	21	0.75%	21,600	1.68%
Small Intestine	13	0.46%	5,300	0.41%
Colon	143	5.09%	107,300	8.35%
Rectum	82	2.92%	41,000	3.19%
Liver/Biliary	169	6.02%	23,700	1.84%
Pancreas	50	1.78%	30,300	2.36%
Other Digestive Organs	14	0.50%	8,300	0.65%
Respiratory	286	10.19%	183,200	14.26%
Larynx	7	0.25%	8,900	0.69%
Lung	277	9.86%	169,400	13.18%
Other Respiratory Organs	2	0.07%	4,900	0.38%
Bone	10	0.36%	2,400	0.19%
Connective Tissue	20	0.71%	8,300	0.65%
Skin (Melanoma)	99	3.53%	53,600	4.17%
Breast	662	23.58%	205,000	15.95%
Reproductive Organs	436	15.53%	279,100	21.72%
Cervix Uteri	83	2.96%	13,000	1.01%
Corpus Uteri (Endometrium)	90	3.21%	39,300	3.06%
Ovary	43	1.53%	23,300	1.81%
Other Female Genital	25	0.89%	5,800	0.45%
Prostate	185	6.59%	189,000	14.71%
Testis	9	0.32%	7,500	0.58%
Other Male Genital	1	0.04%	1,200	0.09%
Urinary	159	5.66%	90,700	7.06%
Urinary Bladder	69	2.46%	56,500	4.40%
Kidney/Ureter/Other	90	3.21%	34,200	2.66%
Eyes	5	0.18%	2,200	0.17%
Brain/CNS	39	1.39%	17,000	1.32%
Endocrine	36	1.28%	22,700	1.77%
Thyroid	36	1.28%	20,700	1.61%
Other Endocrine	0	0.00%	2,000	0.16%
Leukemia	78	2.78%	30,800	2.40%
Lymphoma	104	3.70%	60,900	4.74%
Hodgkin's	10	0.36%	7,000	0.54%
Non-Hodgkin's	94	3.35%	53,900	4.19%
Multiple Myeloma	29	1.03%	14,600	1.14%
All Other	315	11.22%	34,900	2.72%
Total	2808	100.00%	1,284,900	100.00%

Based on 2808 analytical cases at Baylor and estimated new cancer cases from the American Cancer Society (Cancer Facts and Figures—2002). Estimated total including newly diagnosed outpatients at Baylor is 4708.

Newly Diagnosed Analytical Cancer Cases at BUMC in 2002

Site	Analytical	Gender		SEER Stage Grouping				
		Male	Female	In Situ	Local	Regional	Distant	Unk/NA*
Lip/Oral	32	21	11	1	17	9	3	2
Tongue	4	2	2	0	3	1	0	0
Mouth	19	13	6	0	9	6	3	1
Pharynx	7	4	3	1	3	2	0	1
Other Oral Cavity	2	2	0	0	2	0	0	0
Digestive	498	291	207	12	200	178	65	43
Esophagus	6	4	2	1	0	3	2	0
Stomach	21	13	8	0	4	11	4	2
Small Intestine	13	6	7	0	6	7	0	0
Colon	143	75	68	2	34	77	22	8
Rectum	82	44	38	3	36	37	2	4
Liver/Biliary	169	116	53	2	101	30	13	23
Pancreas	50	27	23	0	12	12	21	5
Other Digestive Organs	14	6	8	4	7	1	1	1
Respiratory	286	162	124	2	101	78	81	24
Larynx	7	6	1	2	2	2	0	1
Lung	277	155	122	0	99	74	81	23
Other Respiratory Organs	2	1	1	0	0	2	0	0
Bone	10	4	6	0	4	0	0	6
Connective Tissue	20	12	8	0	15	2	2	1
Skin (Melanoma)	99	60	39	5	76	8	3	7
Breast	662	6	656	133	308	188	10	23
Reproductive Organs	436	195	241	62	268	66	26	14
Cervix Uteri	83	0	83	50	21	8	1	3
Corpus Uteri (Endometrium)	90	0	90	1	58	24	6	1
Ovary	43	0	43	0	11	12	15	5
Other Female Genital	25	0	25	11	9	4	0	1
Prostate	185	185	0	0	161	18	3	3
Testis	9	9	0	0	7	0	1	1
Other Male Genital	1	1	0	0	1	0	0	0
Urinary	159	88	71	41	76	24	9	9
Urinary Bladder	69	44	25	38	18	11	1	1
Kidney/Ureter/Other	90	44	46	3	58	13	8	8
Eyes	5	3	2	0	4	0	1	0
Brain/CNS	39	19	20	0	29	0	0	10
Endocrine	36	7	29	0	26	8	1	1
Thyroid	36	7	29	0	26	8	1	1
Other Endocrine	0	0	0	0	0	0	0	0
Leukemia	78	42	36	0	0	0	74	4
Lymphoma	104	55	49	0	32	26	21	25
Hodgkin's	10	3	7	0	4	5	1	0
Non-Hodgkin's	94	52	42	0	28	21	20	25
Multiple Myeloma	29	20	9	0	2	0	24	3
All Other	315	153	162	8	103	12	35	157
Total	2808	1138	1670	264	1261	599	355	329

Based on 2808 analytical cases accessioned at Baylor in 2002. *Staging not required for various sites; staging information not available for outpatient surgery cases. SEER Stage Grouping categorizes patients according to extent of disease. "Regional" denotes spread to regional tissues and/or lymph nodes.